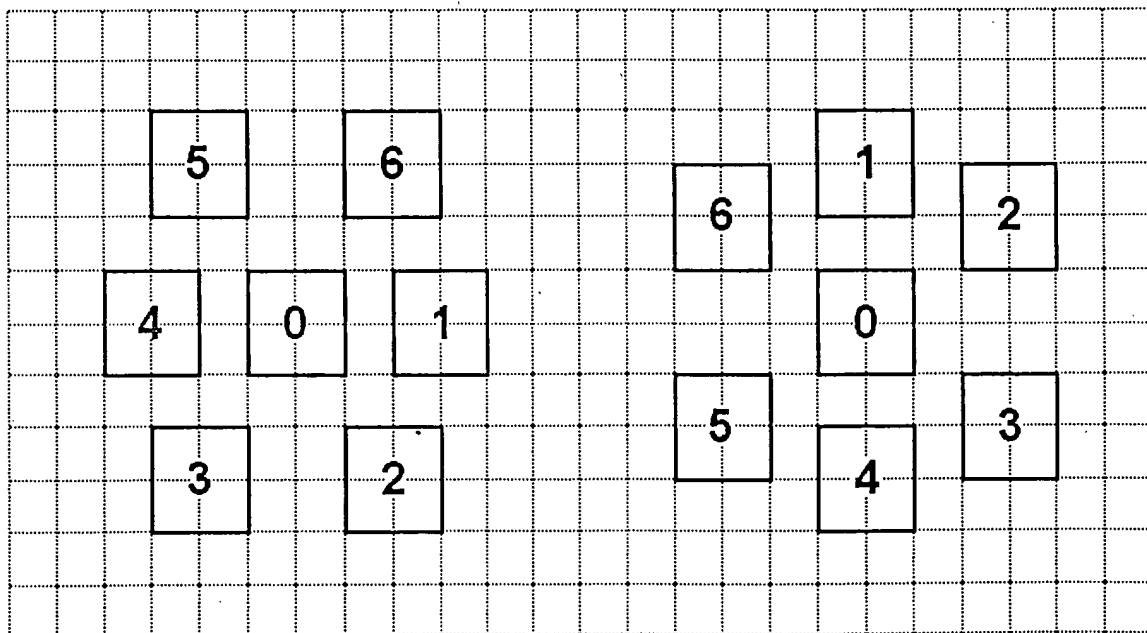**Figure 1**

Figure 2

Figure 3
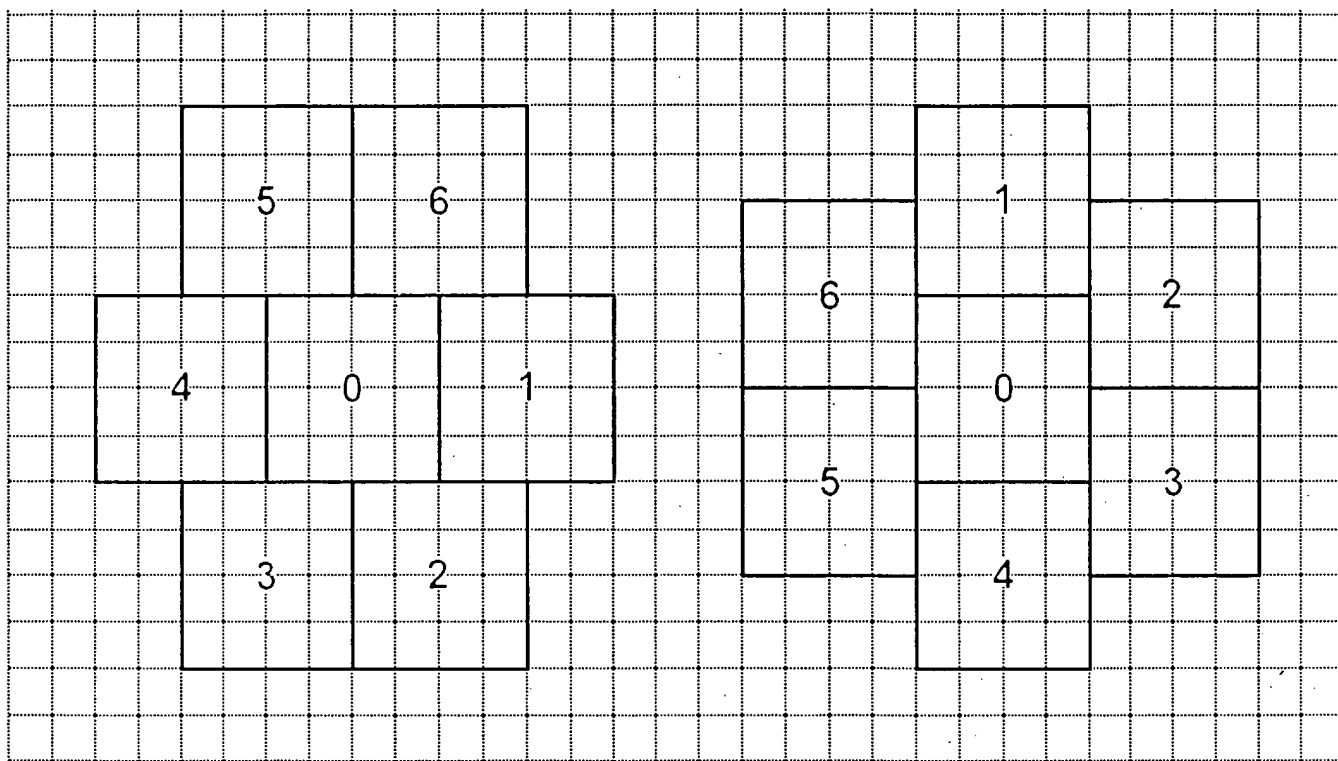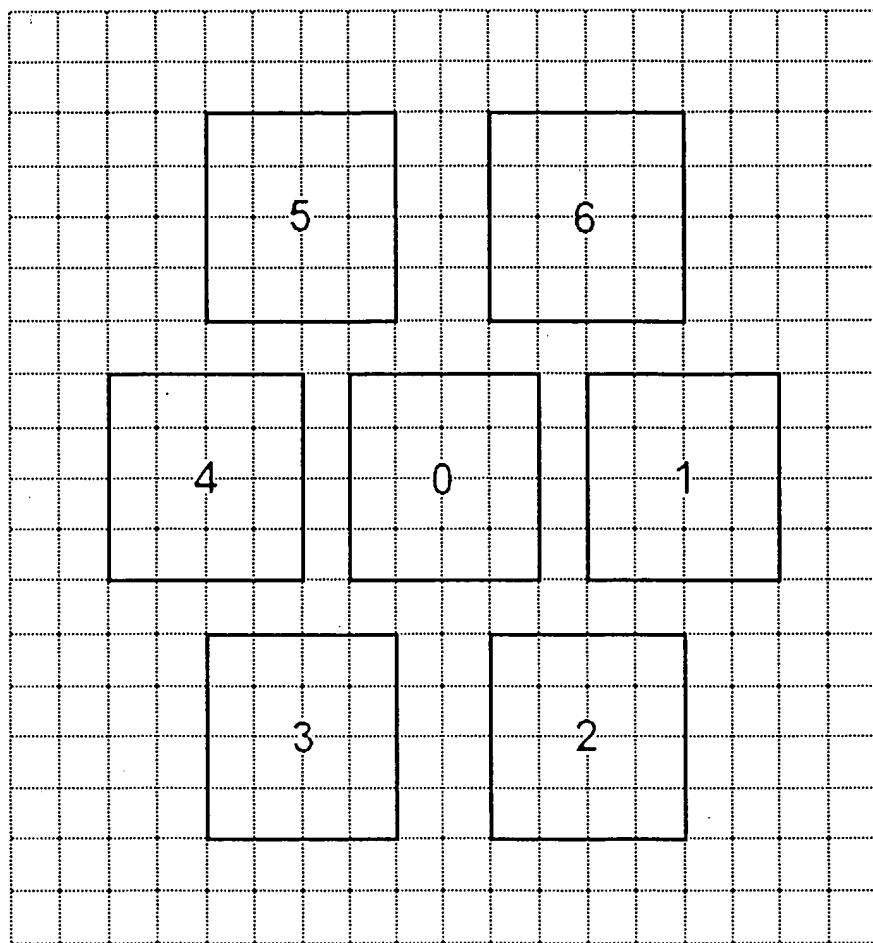
Figure 4

Figure 5

a	b 5	c 6
d 4	e 0	f 1
g	h 3	i 2

a	b 1	c
d 6	e 0	f 2
g 5	h 4	i 3
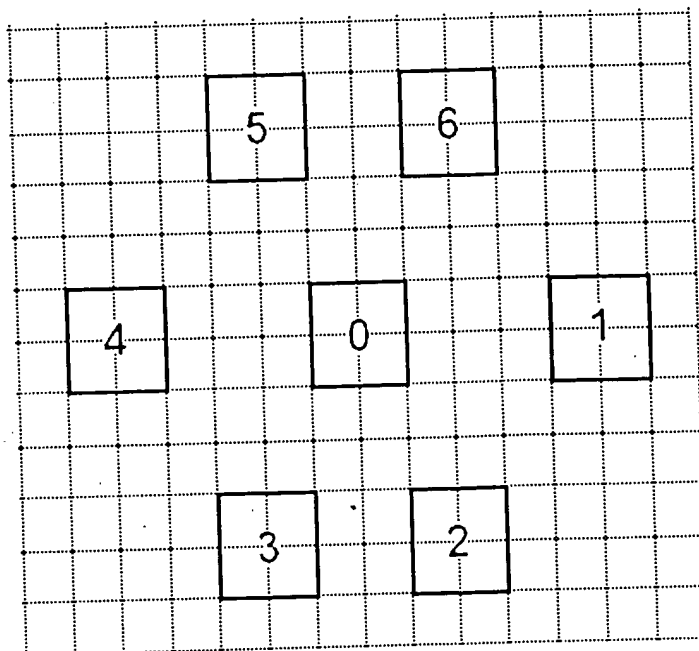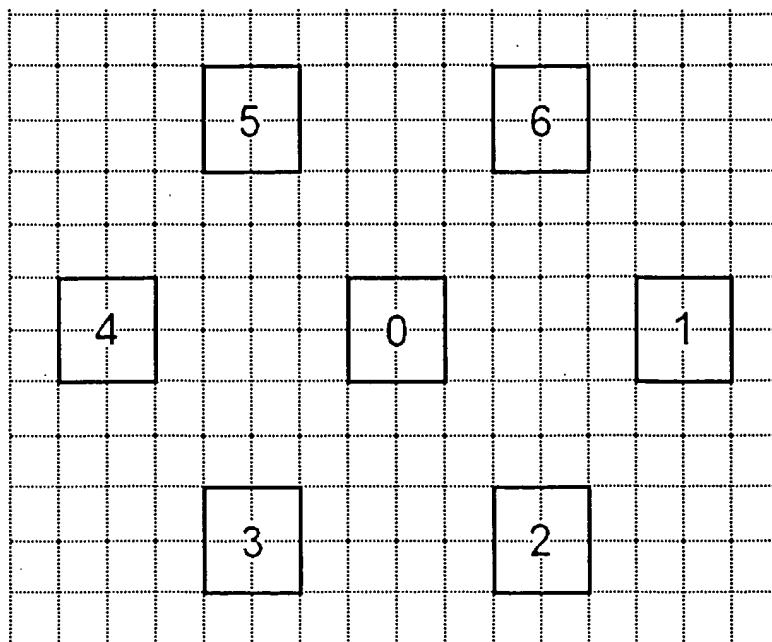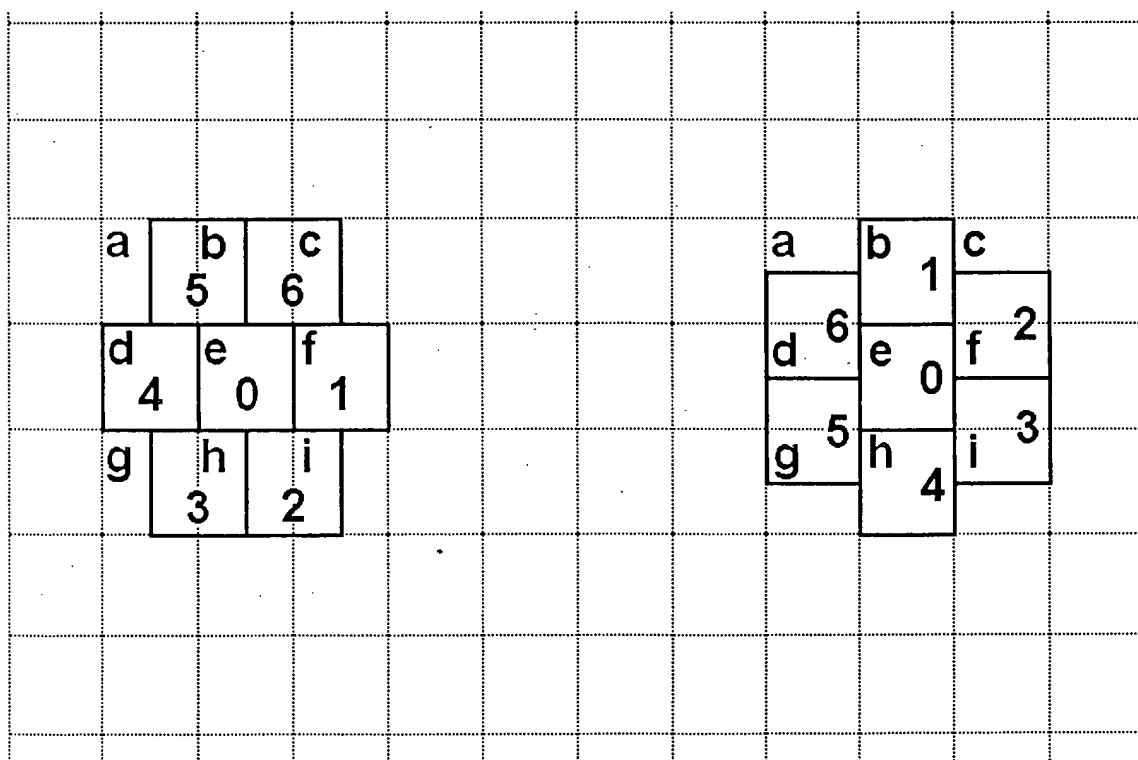
Figure6

Figure 7

Figure 8

	5	6	
4	0	1	
	3	2	

	1	
6	0	2
5		3
	4	

Figure 9

	5	6
4	0	1
	3	2
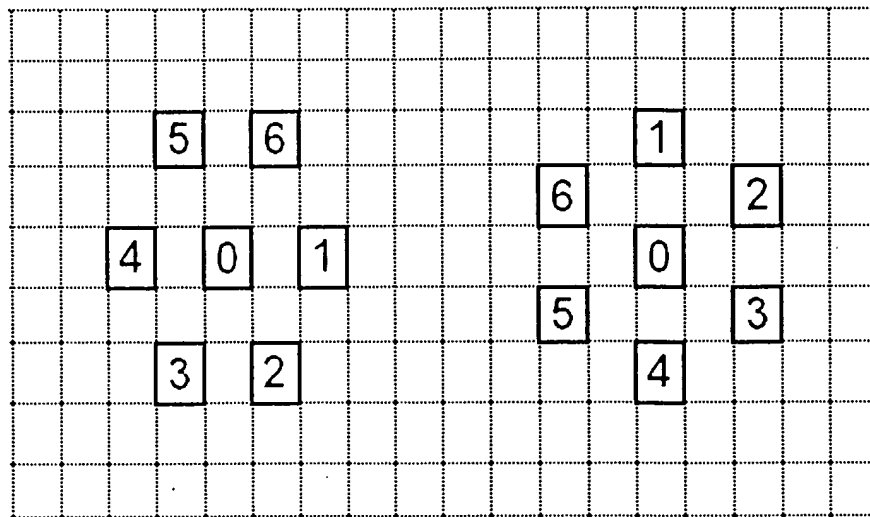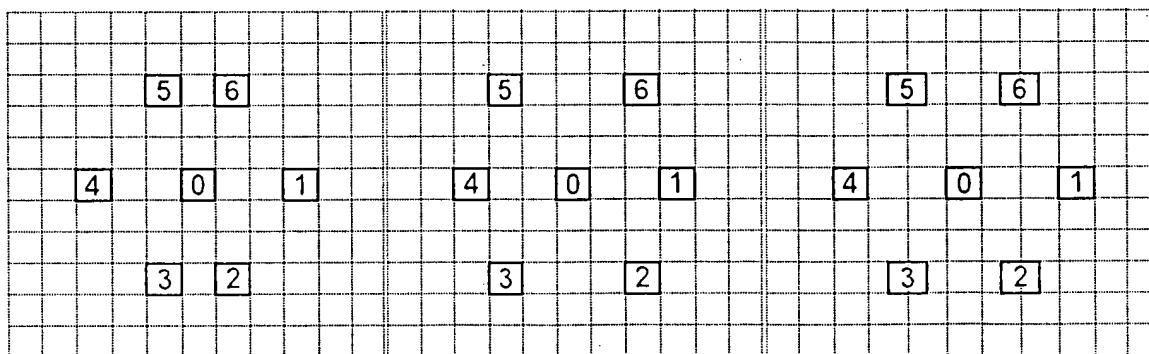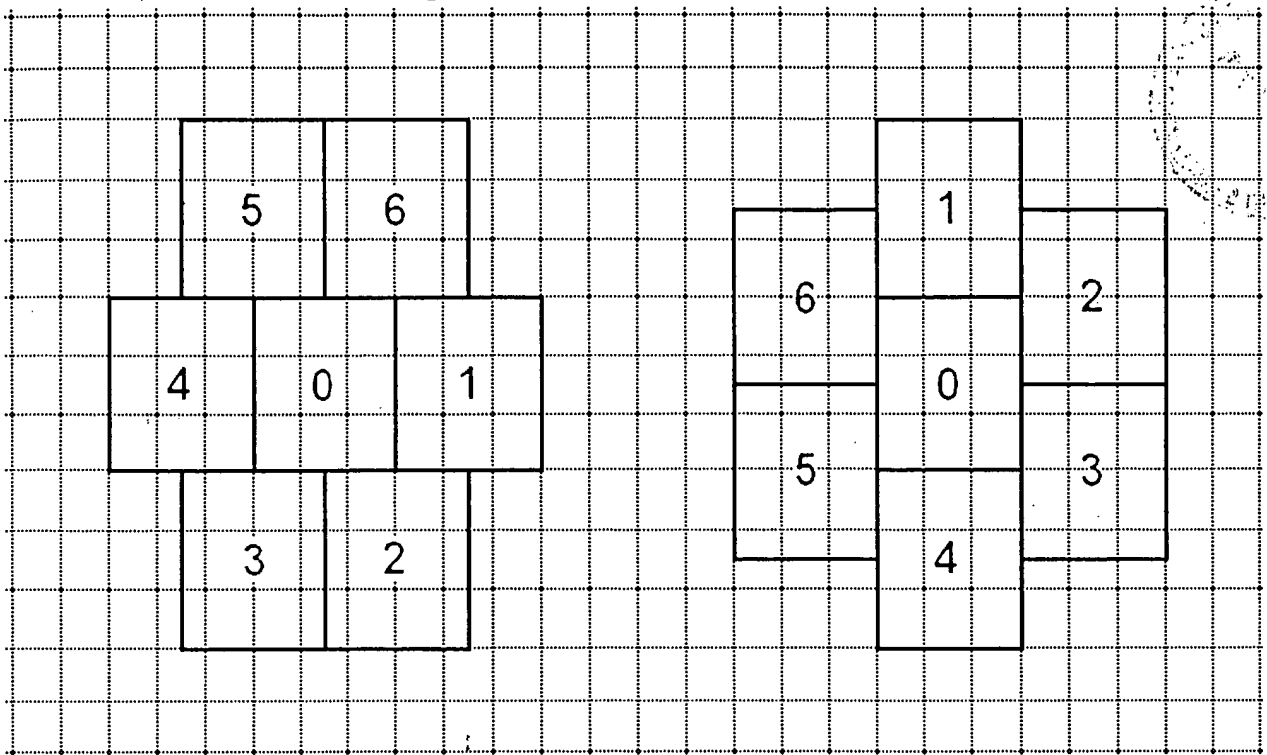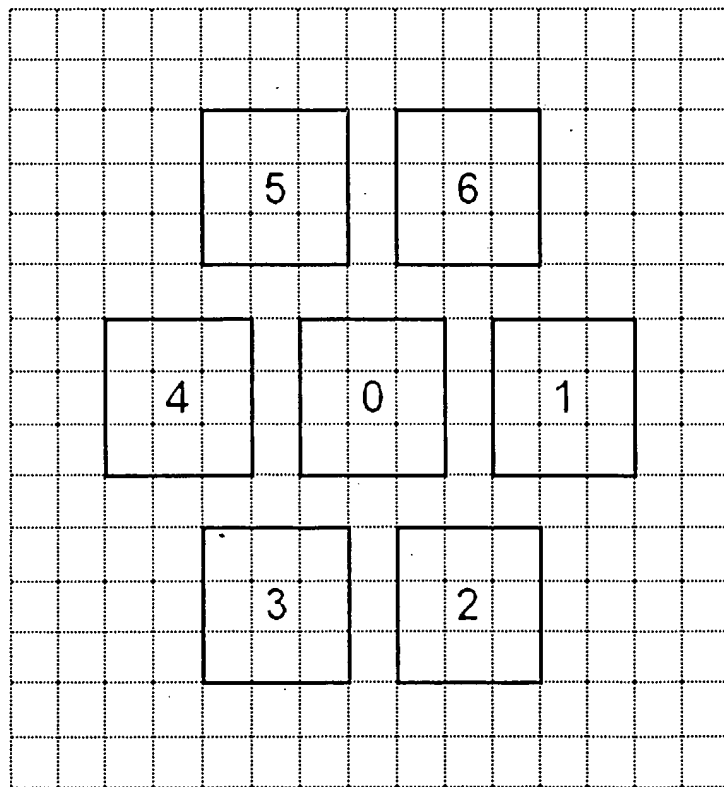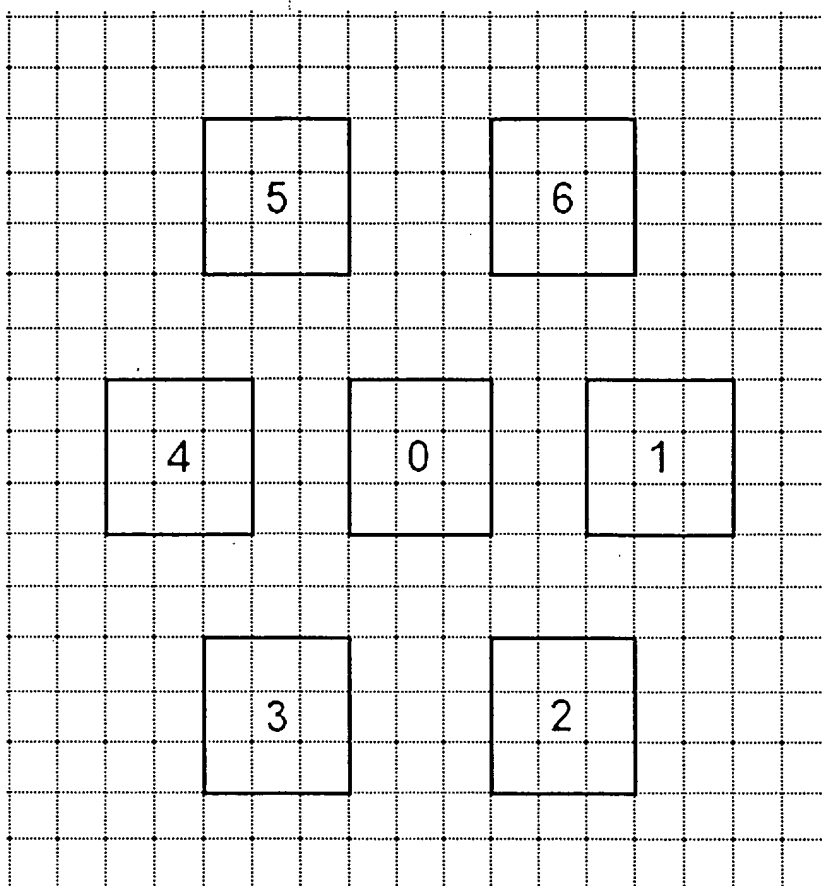
Figure 10
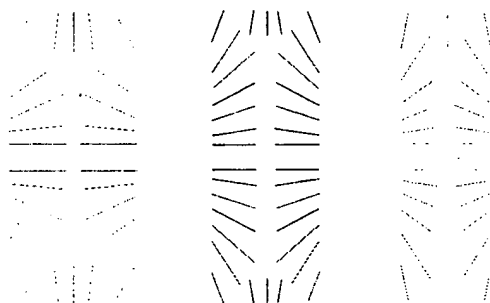
Figure 11

Figure 12
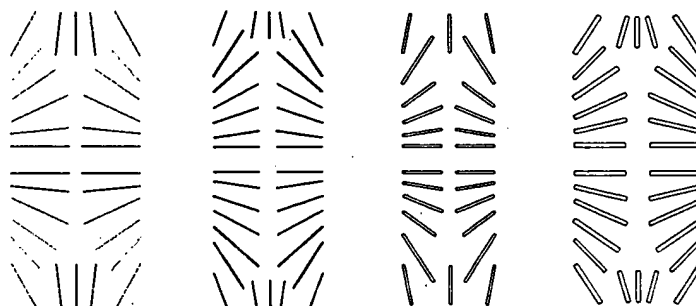
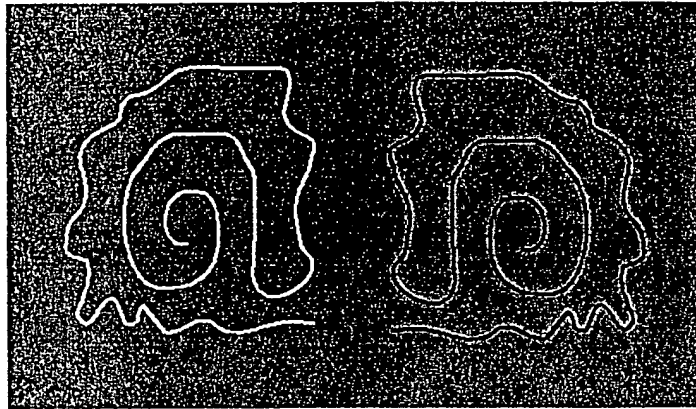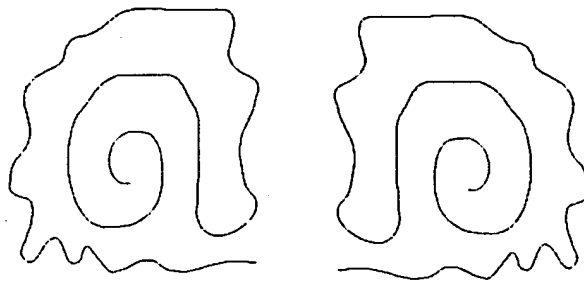**Figure 13**
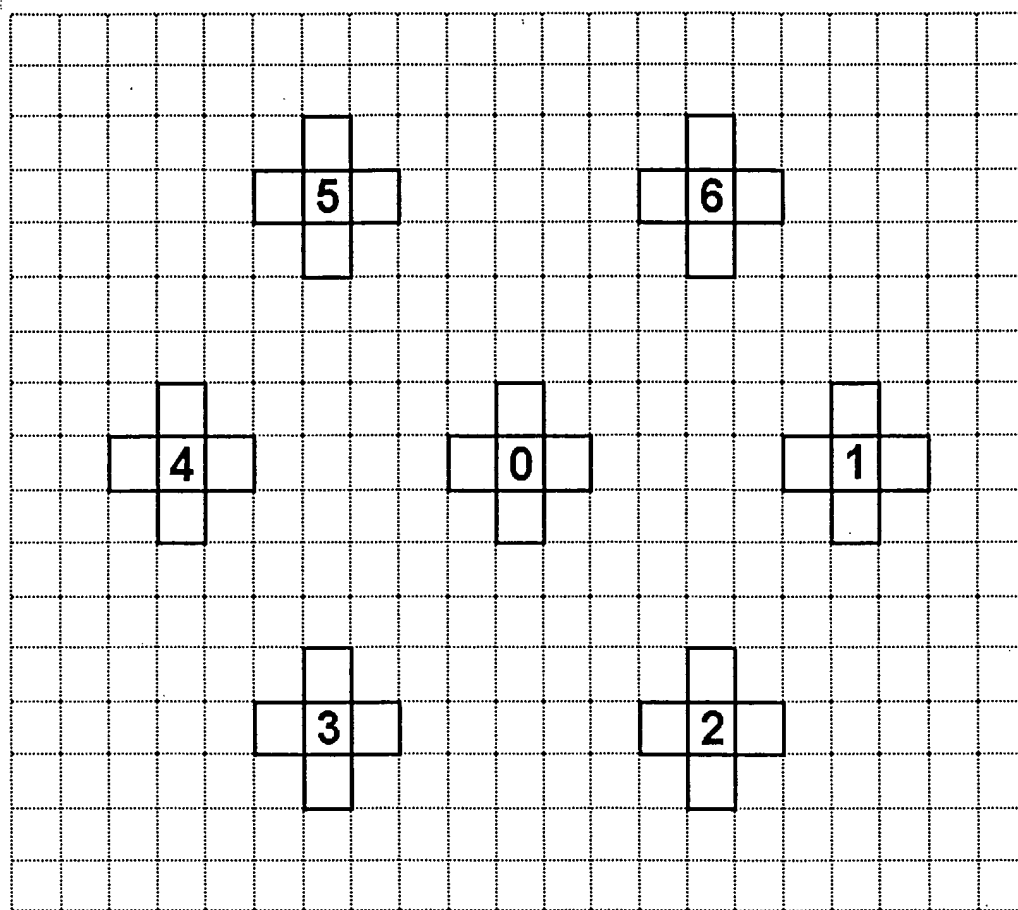
Figure 14
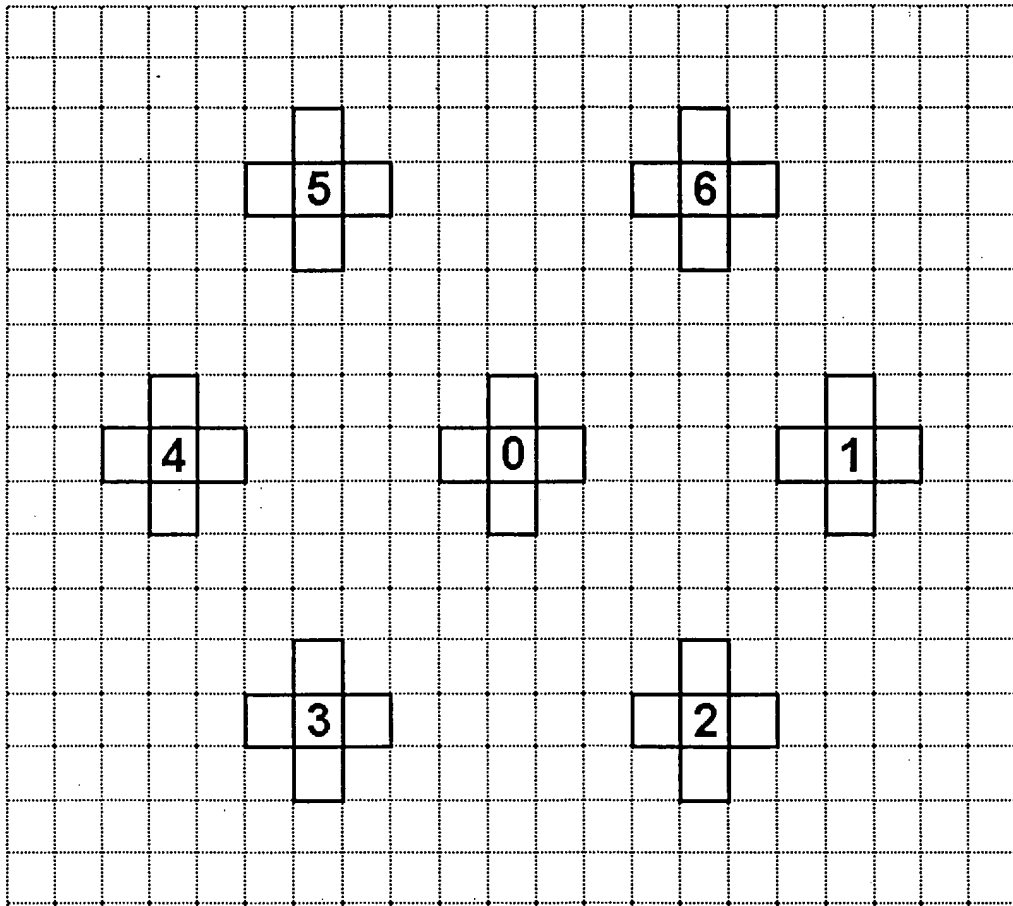
Figure 15

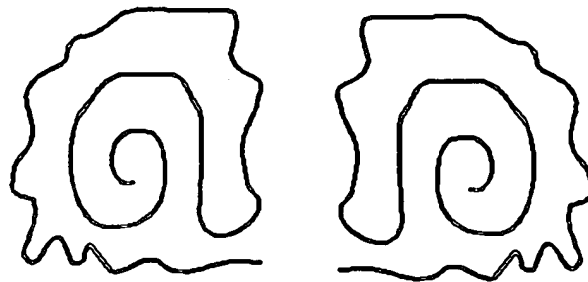**Figure 16**
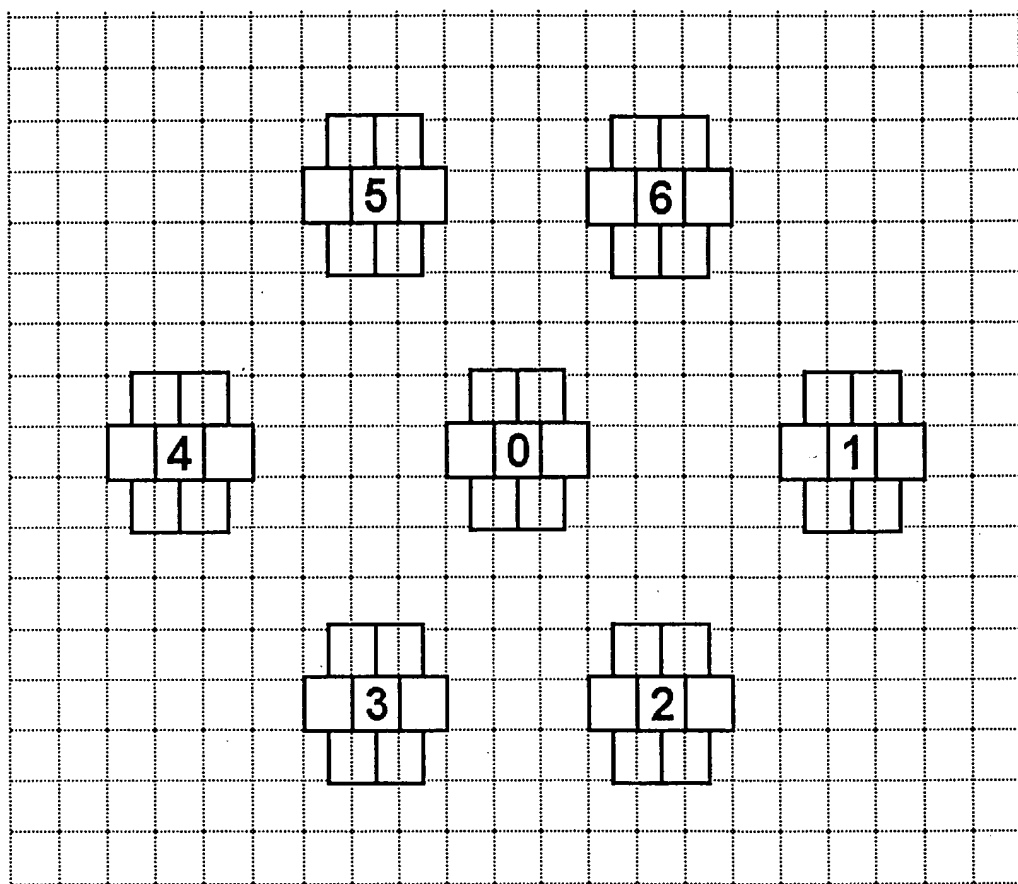
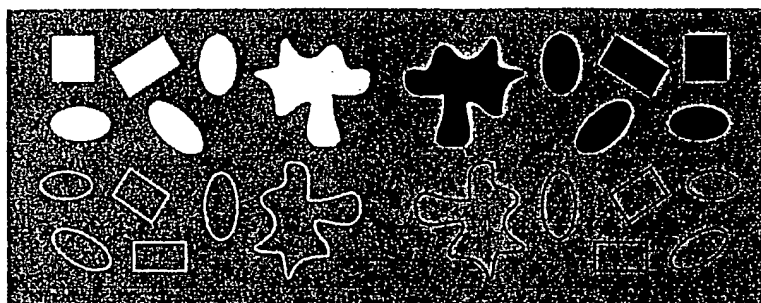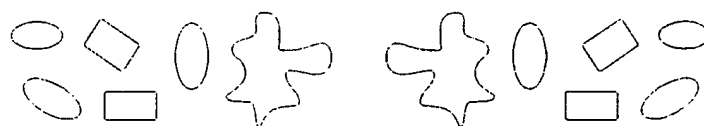**Figure 17**
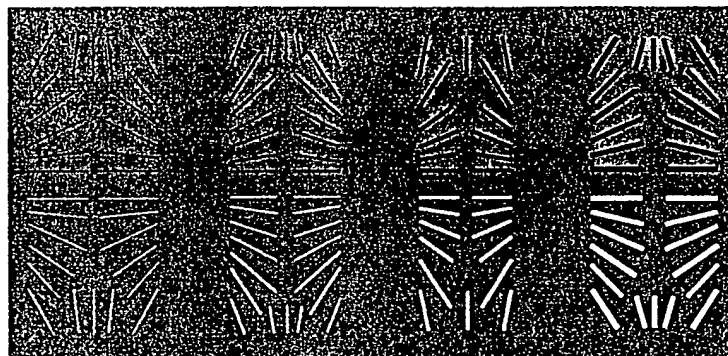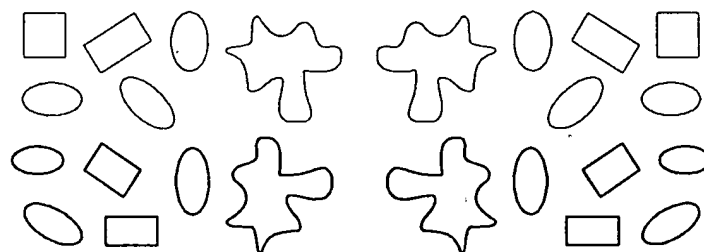
Original

LORA

Sobel

Figure 18

Original

LORA
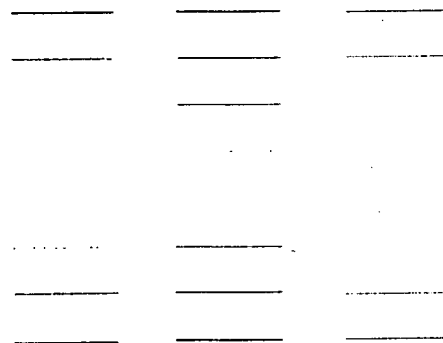

Sobel

Figure 19

Original

LORA

Sobel

Figure 20
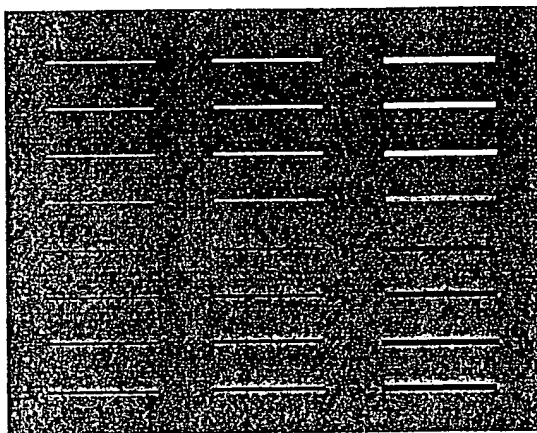
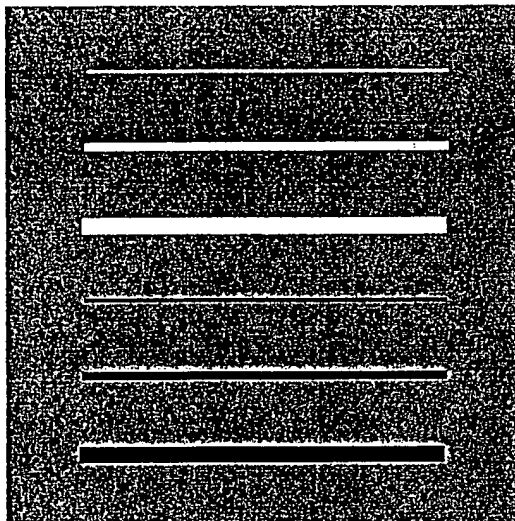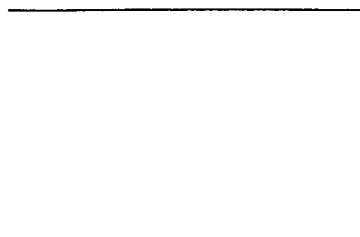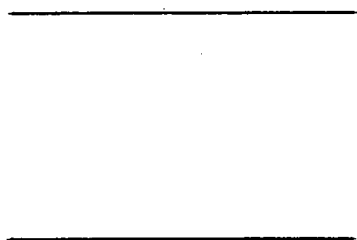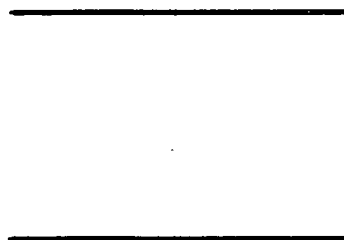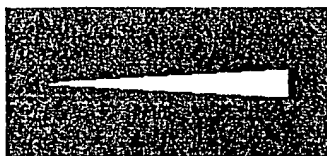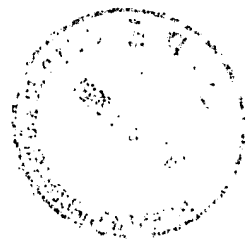**Figure 21**

Original

LORA 2x2

LORA 6x6

LORA 10x10

Figure 22

Original

LORA 2x2

LORA 6x6

LORA 10x10

Figure 23

Original

$\delta_3 = 0.81$, $0 \le |c_3| \le |c_3|_{max}$

$\delta_3 = 0.49$, $0 \le |c_3| \le |c_3|_{max}$

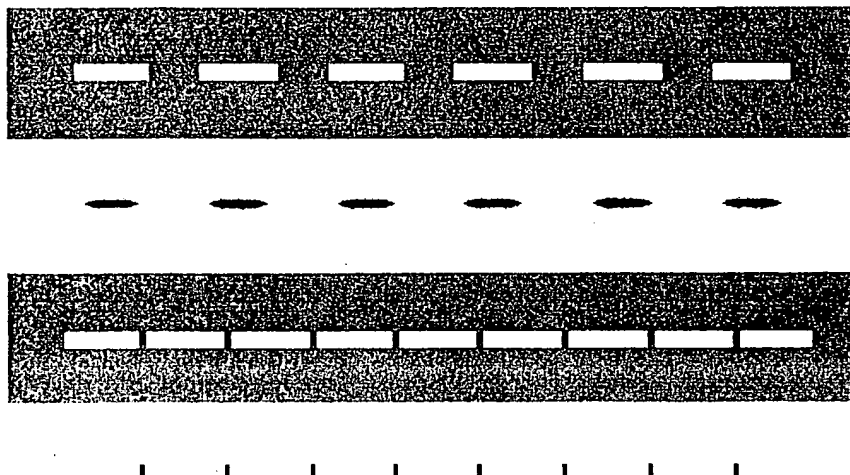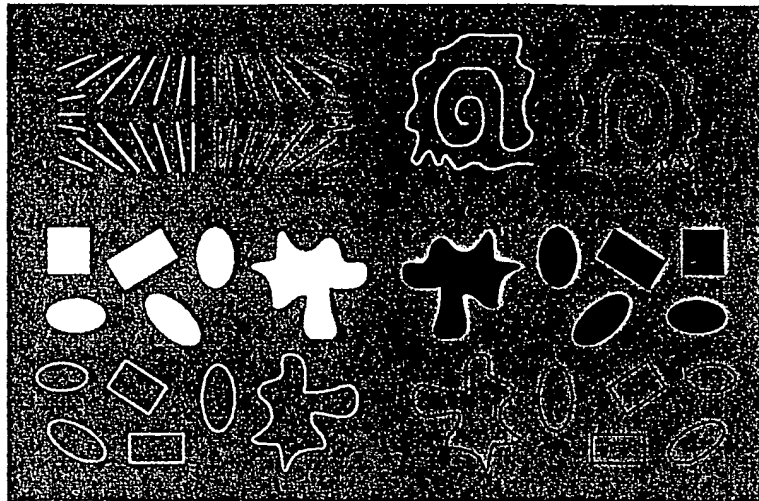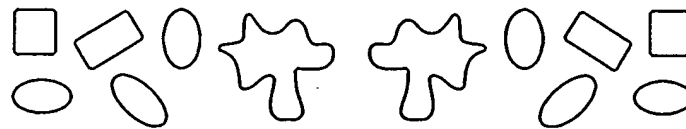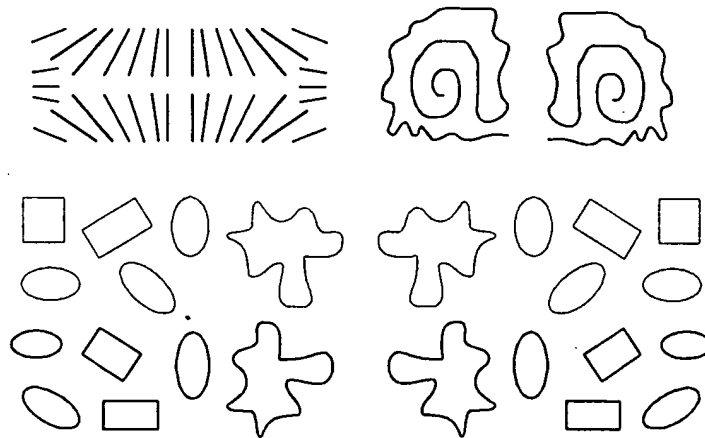$\delta_3 = 0.49$, $0.7|c_3|_{max} \le |c_3| \le |c_3|_{max}$

Figure 24

Figure 25

Original

LORA

Sobel

Figure 26

Figure 27

Figure 28